

Lake District National Park

Forecast valid from 06:00 on Tuesday 05 Mar 2024 until 23:59 on Wednesday 06 Mar 2024
Forecast Issued on Tuesday 05 Mar 2024 at 03:05

Confidence: Generally high confidence in weather pattern through the week.

Headline for Tuesday 05 Mar 2024: Early heavy rain clearing to a largely dry day with sunny spells.

Mountain weather hazards on Tuesday 05 Mar 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Low Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Sunny intervals	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
10%	<05%	<05%	<05%	10%	10%

Forecast for Tuesday 05 Mar 2024

Weather: Some patchy cloud will linger into the morning but there will be clear or sunny spells for much of the day. Winds easing through the day.

Chance of cloud-free hill tops above 800m: 70% improving 90%

Low cloud and visibility: Occasional cloud base 500-700m, becoming patchy through the morning. Visibility good.

Forecast for Tuesday 05 Mar 2024

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/39 S	26/31 S	18/23 S	12/16 SW	7/9 S	7/9 SE	8/10 E
600	32/43 S	23/31 S	16/22 S	12/16 SW	6/8 S	6/7 SE	7/10 E
300	11/29 S	8/20 S	9/19 S	7/14 S	4/7 S	3/6 E	4/8 E
Valley	8/24 SE	6/18 SE	9/18 S	7/13 SW	3/6 SW	4/6 E	4/6 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-8	1/-7	1/-5	1/-4	1/-2	1/-2	1/-3
600	2/-5	2/-4	4/-2	4/-0	3/0	2/0	2/-1
300	4/-0	4/1	6/4	6/4	4/3	3/2	3/1
Valley	5/2	6/4	8/6	8/6	6/5	6/4	5/4
Freezing Level*	800m	800m	900m	900m	900m	900m	900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Forecast for Wednesday 06 Mar 2024

Weather: Dry and sunny throughout much of the day, perhaps some patchy cloud at times.

Maximum wind: Light, variable winds, becoming southeasterly 10-15 mph

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Occasional cloud 700-900m. Good visibility.

Temperature: **Valleys:** Plus 2 rising to plus 10 Celsius
 At 800m: Plus 1 rising to plus 4 Celsius
 Freezing level: 1000-1200m

Ground Conditions Supplement

Date: Monday 4 March 2024 Location: Helvellyn summit at 12:30 Full report: Sunshine, light winds, plenty of snow & spectacular views greeted anyone who ventured onto the Lake District fells today. The fresh snow is very slowly consolidating and firming up with a slight crust in places but is still hard work when breaking trail. Depth increased with height and was generally calf to knee deep with waist deep drifts. However on popular paths it has been compacted beneath walkers feet and is becoming icy. This is particularly true at lower altitudes where there has been a slow thaw and refreeze. Thus crampons or microspikes were very useful on even the easiest of paths above the snowline and essential on the Helvellyn Edges. Many steep south facing aspects were thawing quickly in the sun and the snow level had risen to 500m but elsewhere it remained at 300m. The wind has backed to the SE and was continuing to slowly redistribute the new snow on to northerly aspects. Large cornices were evident above north through east aspects and should be given a wide berth. Full winter clothing including boots with good grip, waterproof top & bottoms, warm layers and hats & gloves are currently essential to safely explore the Lake District fells. Checking the weather forecast and carrying and knowing how & when to use a map, compass, headtorch and goggles is also critical. An ice axe and crampons or at a push microspikes will be essential for anyone attempting the Helvellyn Edges or any other exposed ground where the consequences of a slip could be very serious. Temperature: plus 0.1 C, Maximum wind speed 18.8 mph, Wind chill: minus 7.5 C, Average wind speed: 7.0 mph

Issued at: 03:05 on Tue 05 Mar 2024